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FIG. 1

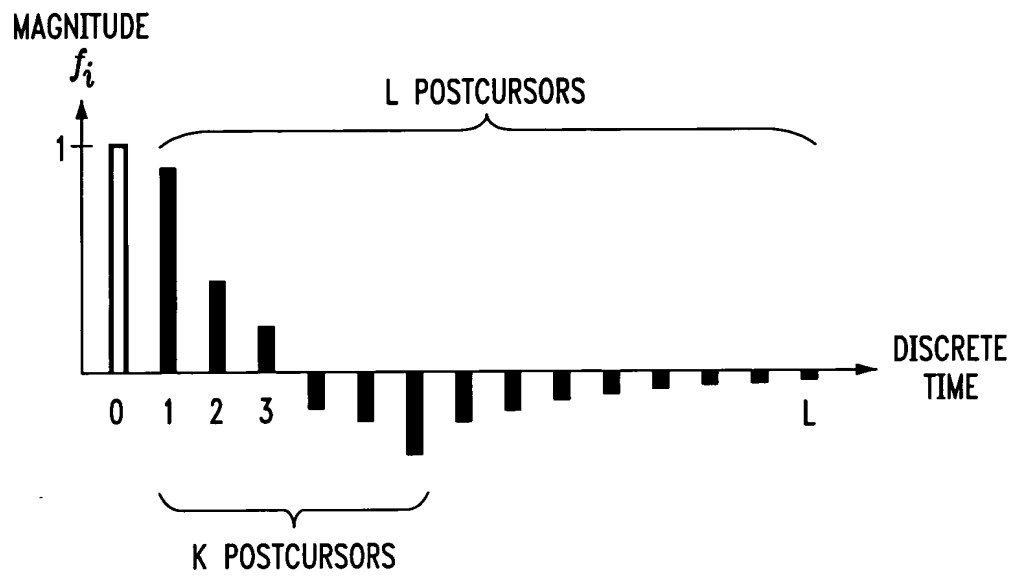
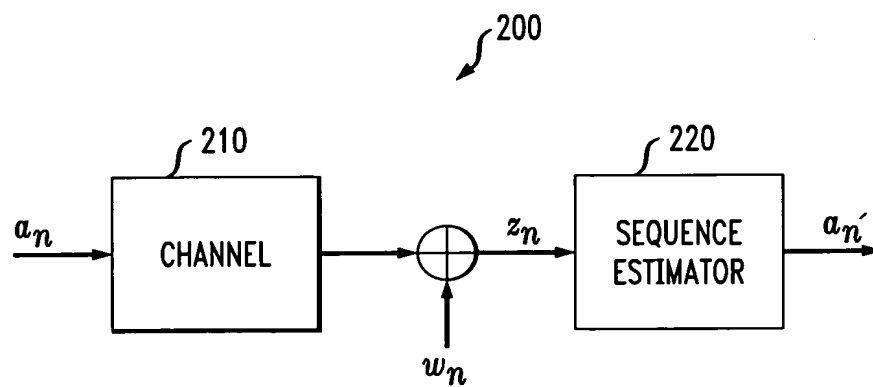


FIG. 2



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FIG. 3

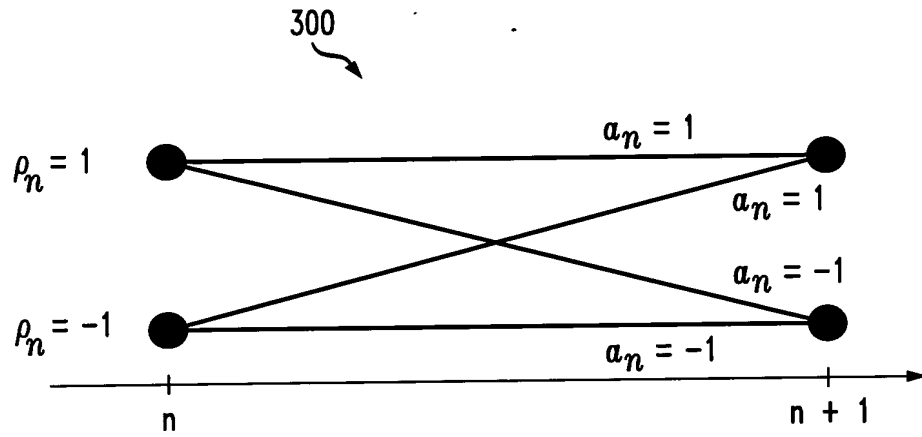
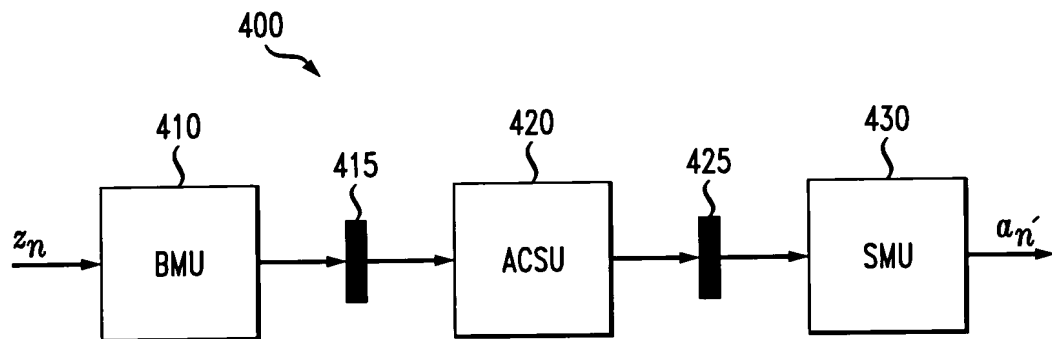


FIG. 4



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FIG. 5

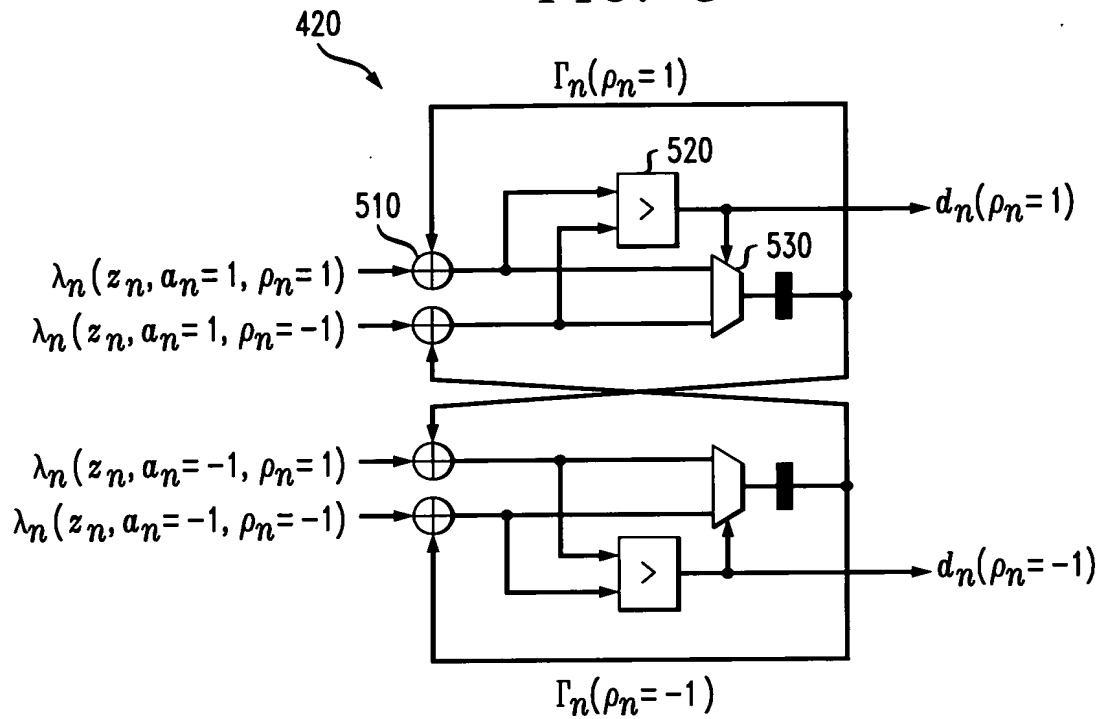


FIG. 6

COMPLEXITY AND CRITICAL PATH ANALYSIS TABLE -- 600

	620 MLSE	630 RSSE
COMPLEXITY		
NO. OF STATES:	2^L	2^K
NO. OF BMs	2^{L+1}	2^{K+1}
ADDs IN DFU:	—	$S \times L$
CRITICAL PATH	2 ADDs 2-to-1 MUX	$L - K + 3$ ADDs 2-to-1 MUX LUT SHIFT

TO 08080-089512250

FIG. 7A

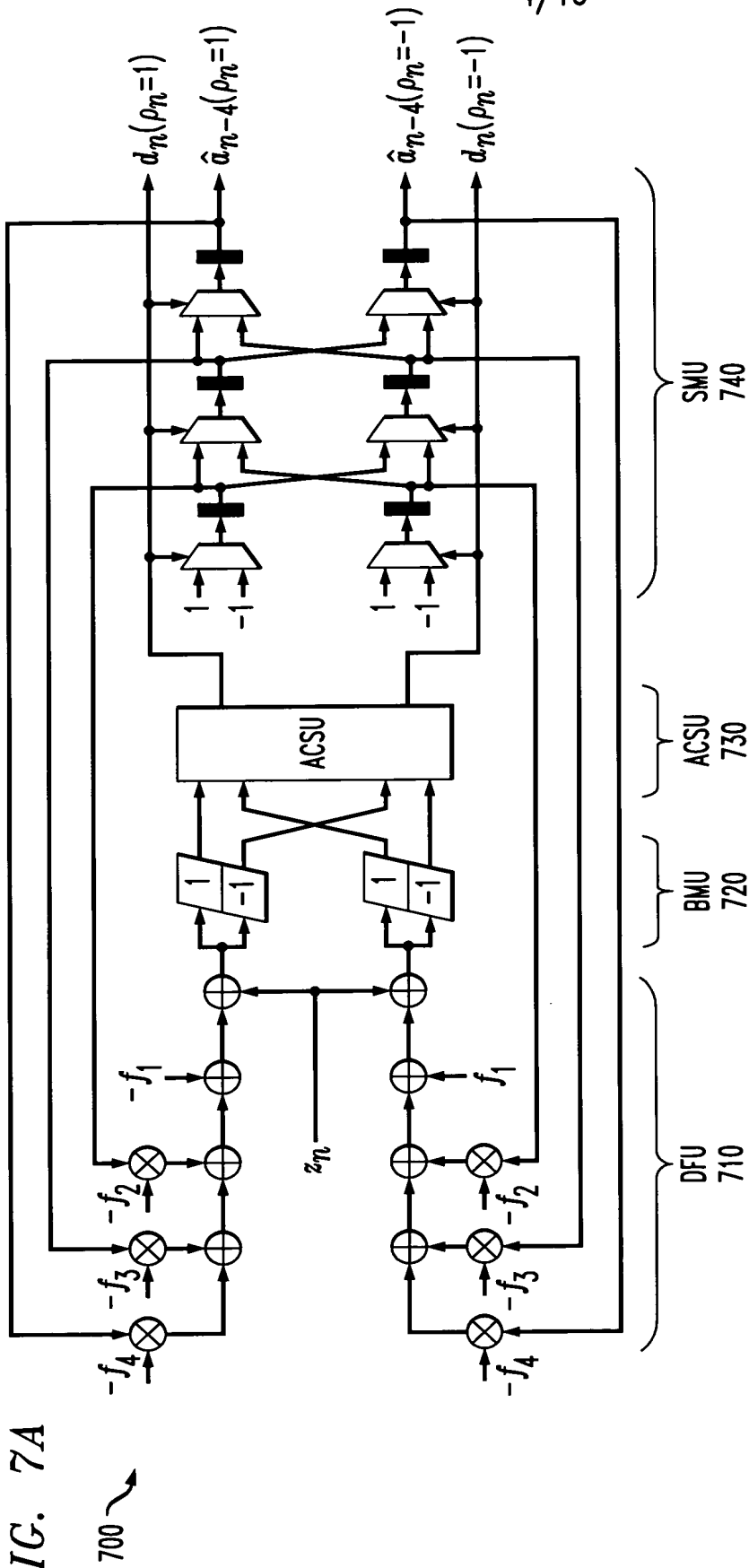
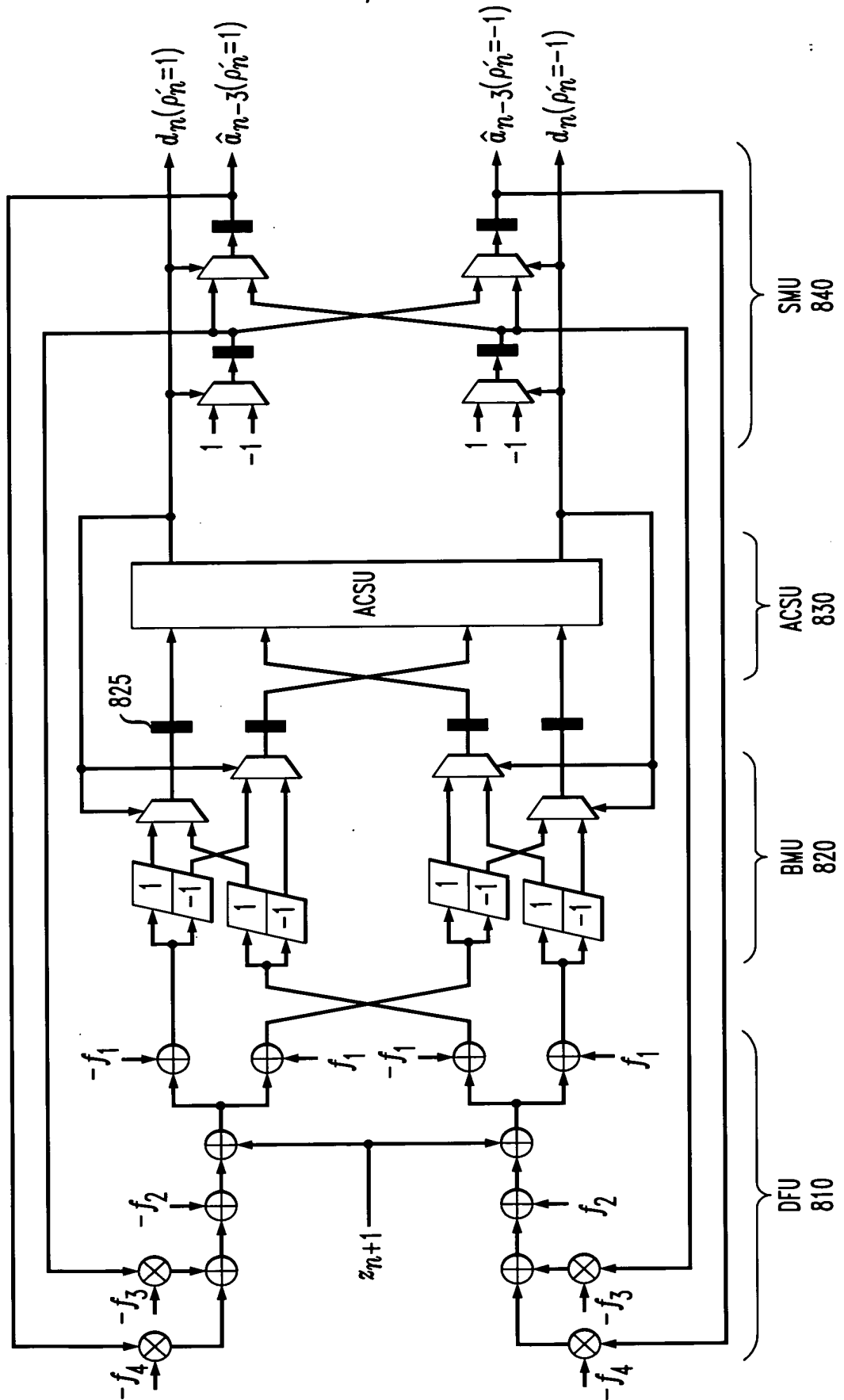


FIG. 7B



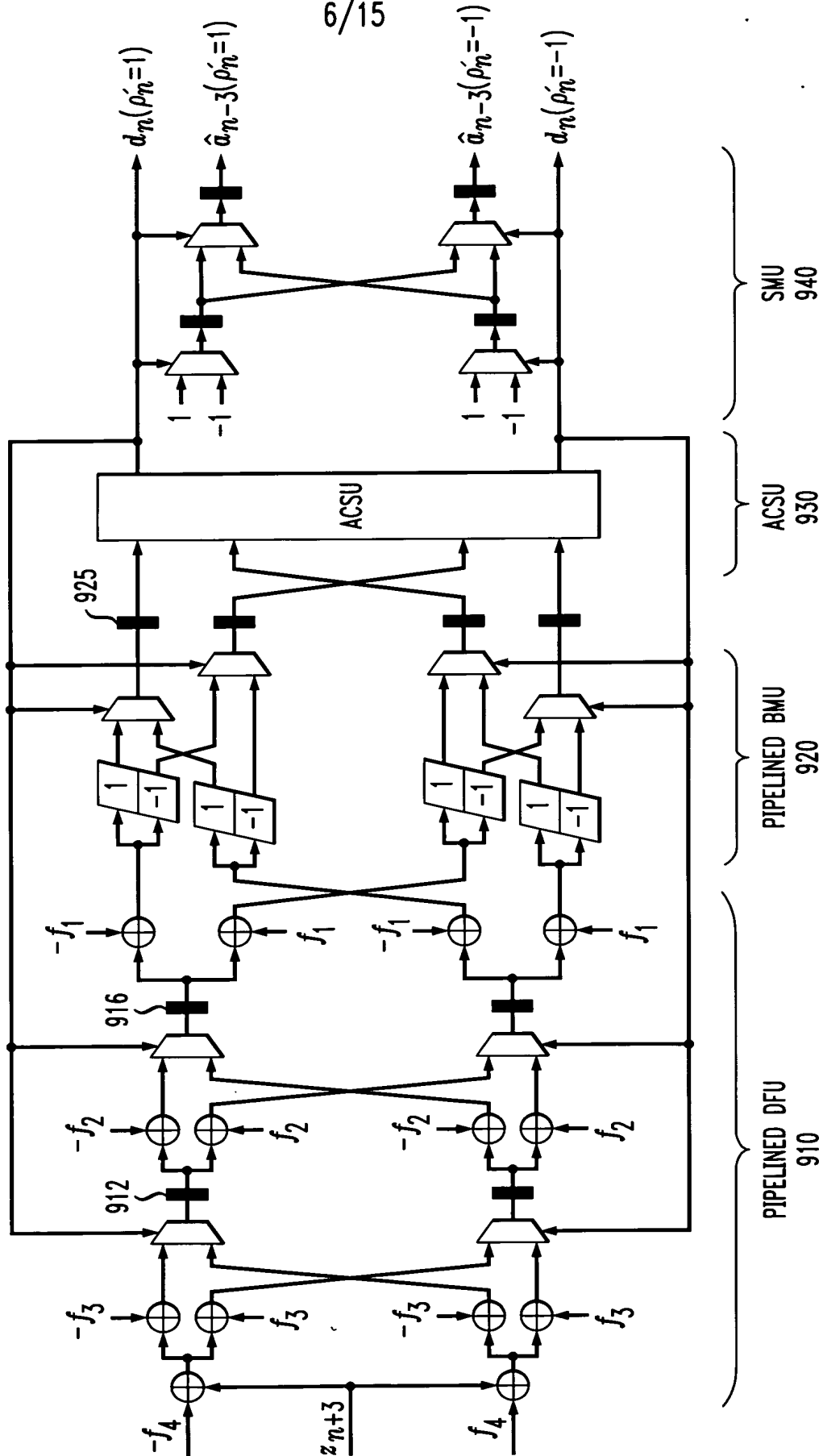
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FIG. 8



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FIG. 9



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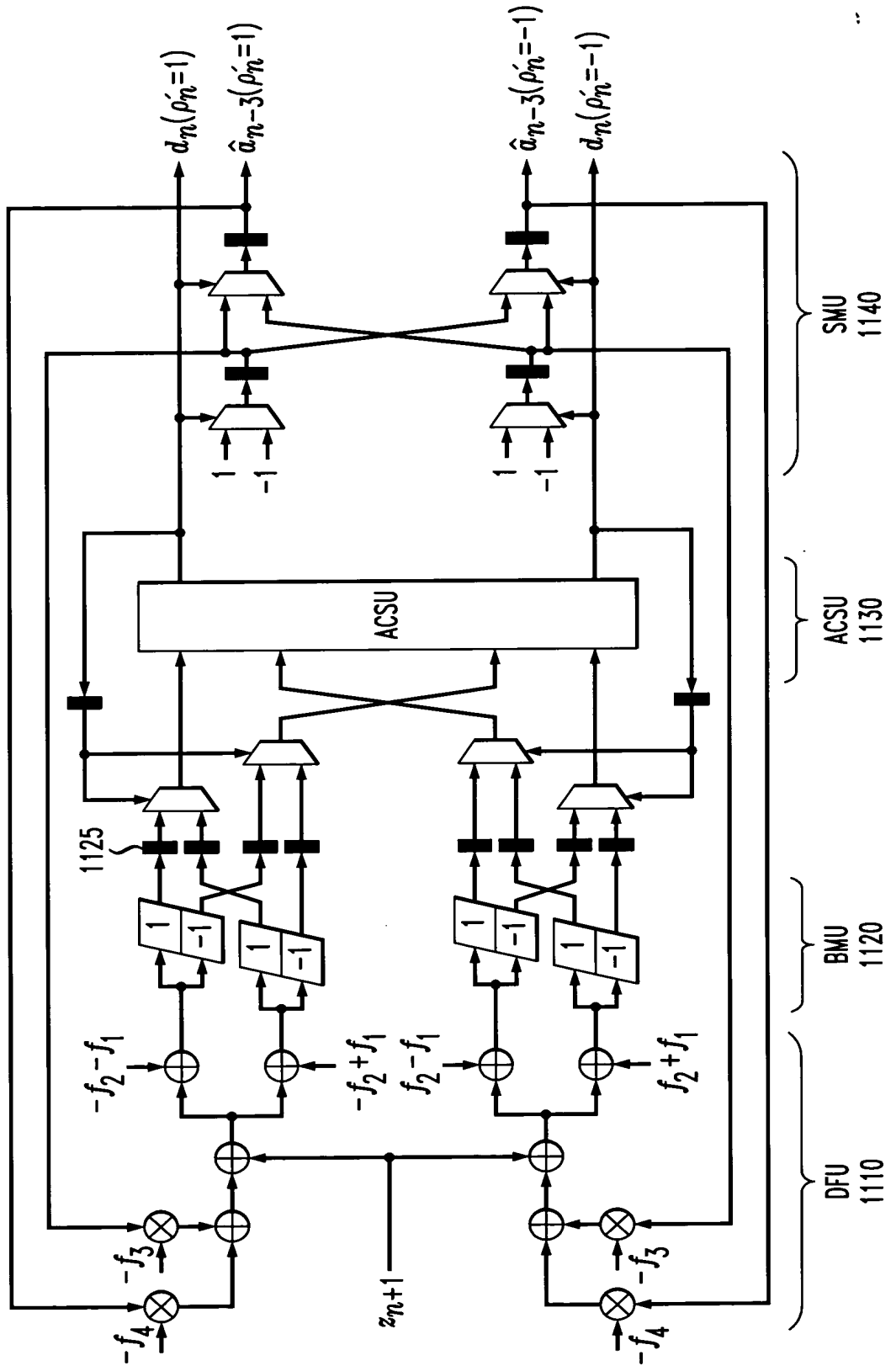
FIG. 10

COMPLEXITY AND CRITICAL PATH ANALYSIS TABLE OF PIPELINED RSSE -- 1000

	PIPELINED RSSE
COMPLEXITY	
NO. OF BMs:	2^{K+2}
ADDs IN DFU:	$S \times (L - M + 2M) = S \times (L + M)$
CRITICAL PATH ($M = L - K$)	2 ADDs 2-to-1 MUX

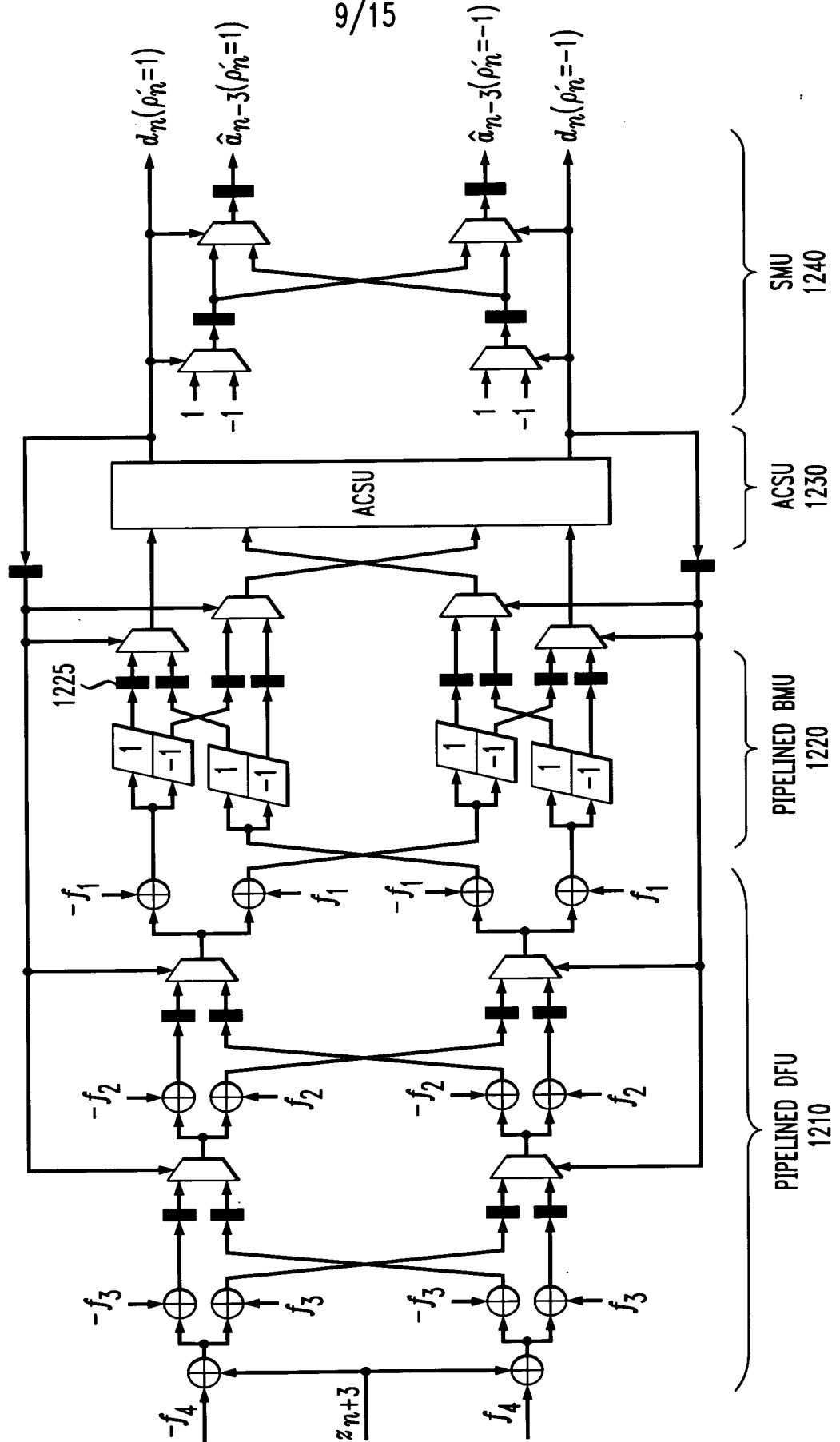
T00000-03942550

FIG. 11



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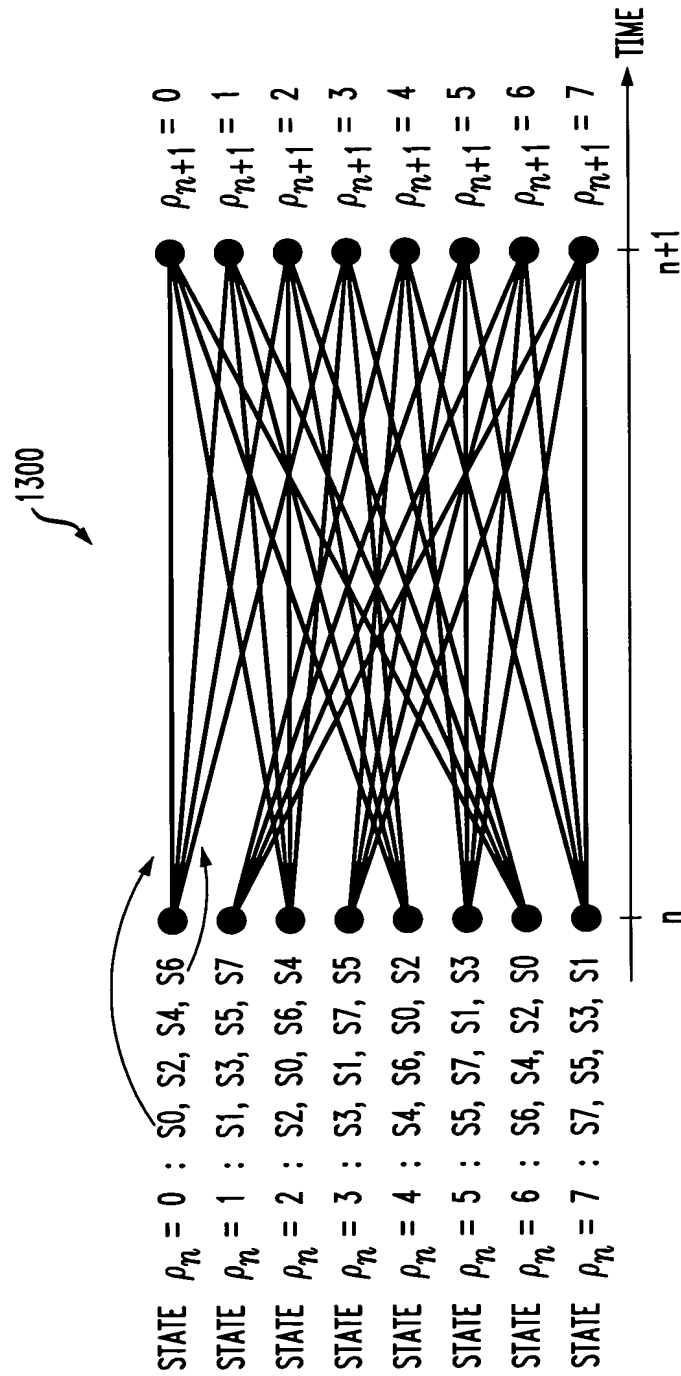
FIG. 12



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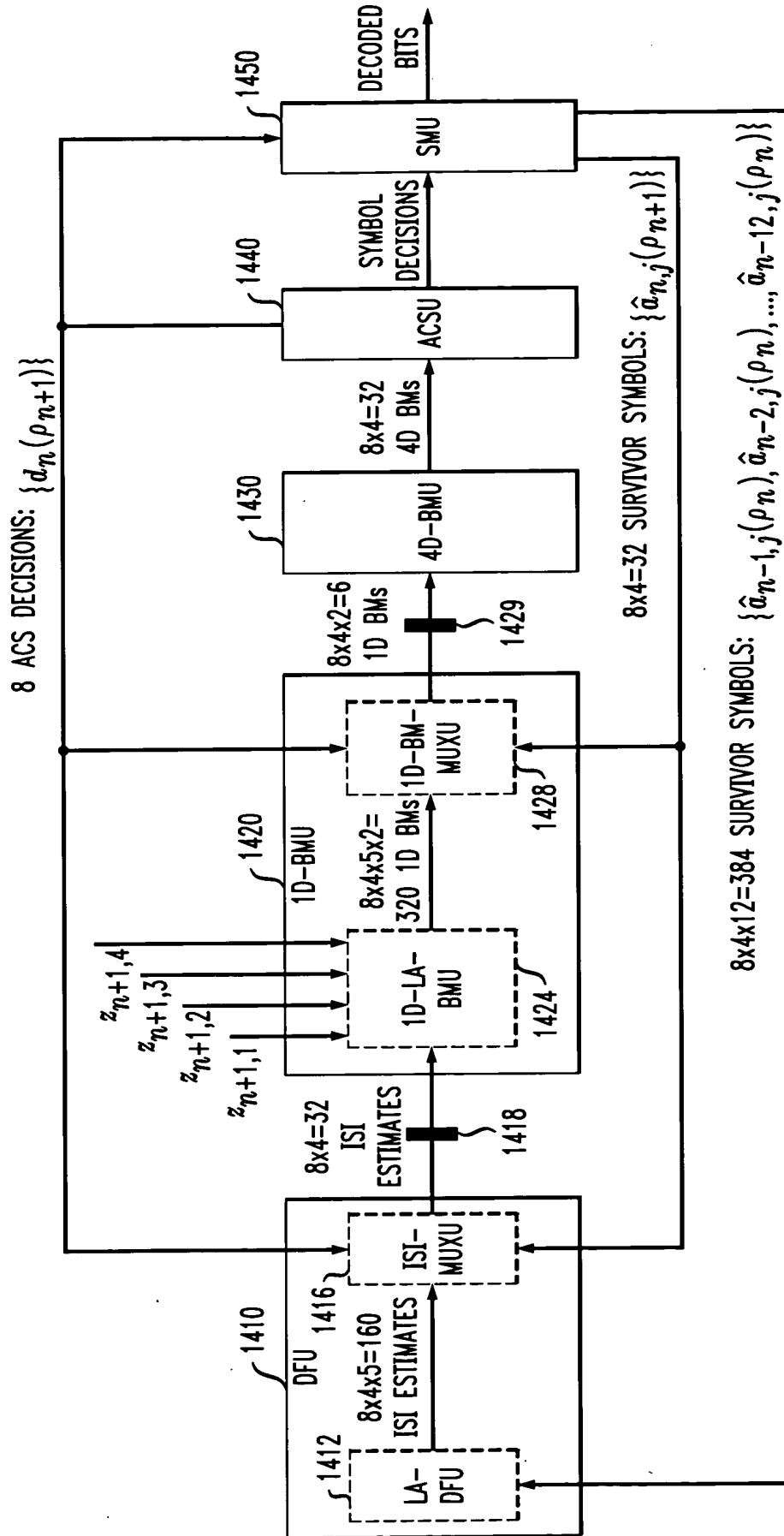
FIG. 13

FIG. 13



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FIG. 14



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FIG. 15

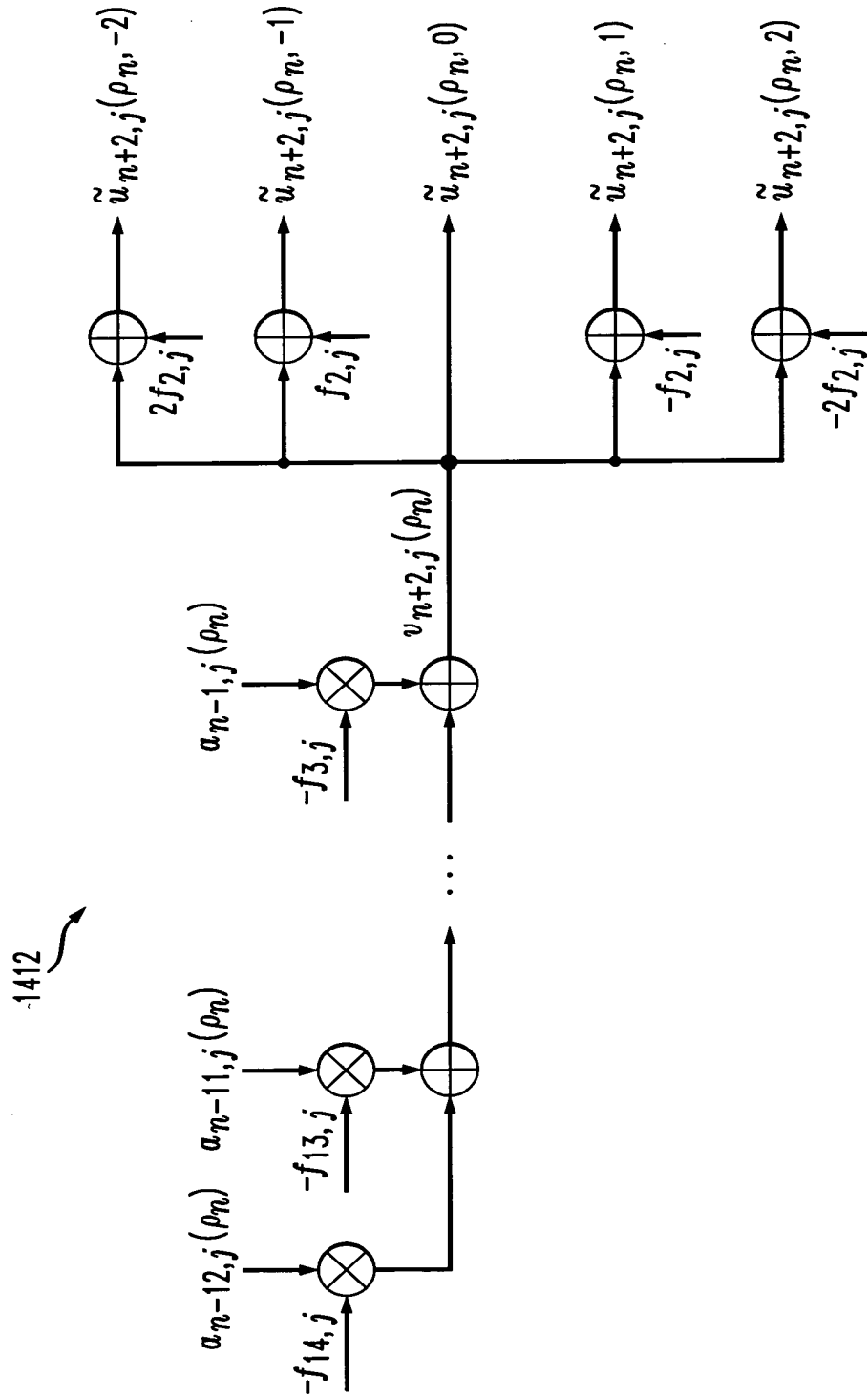
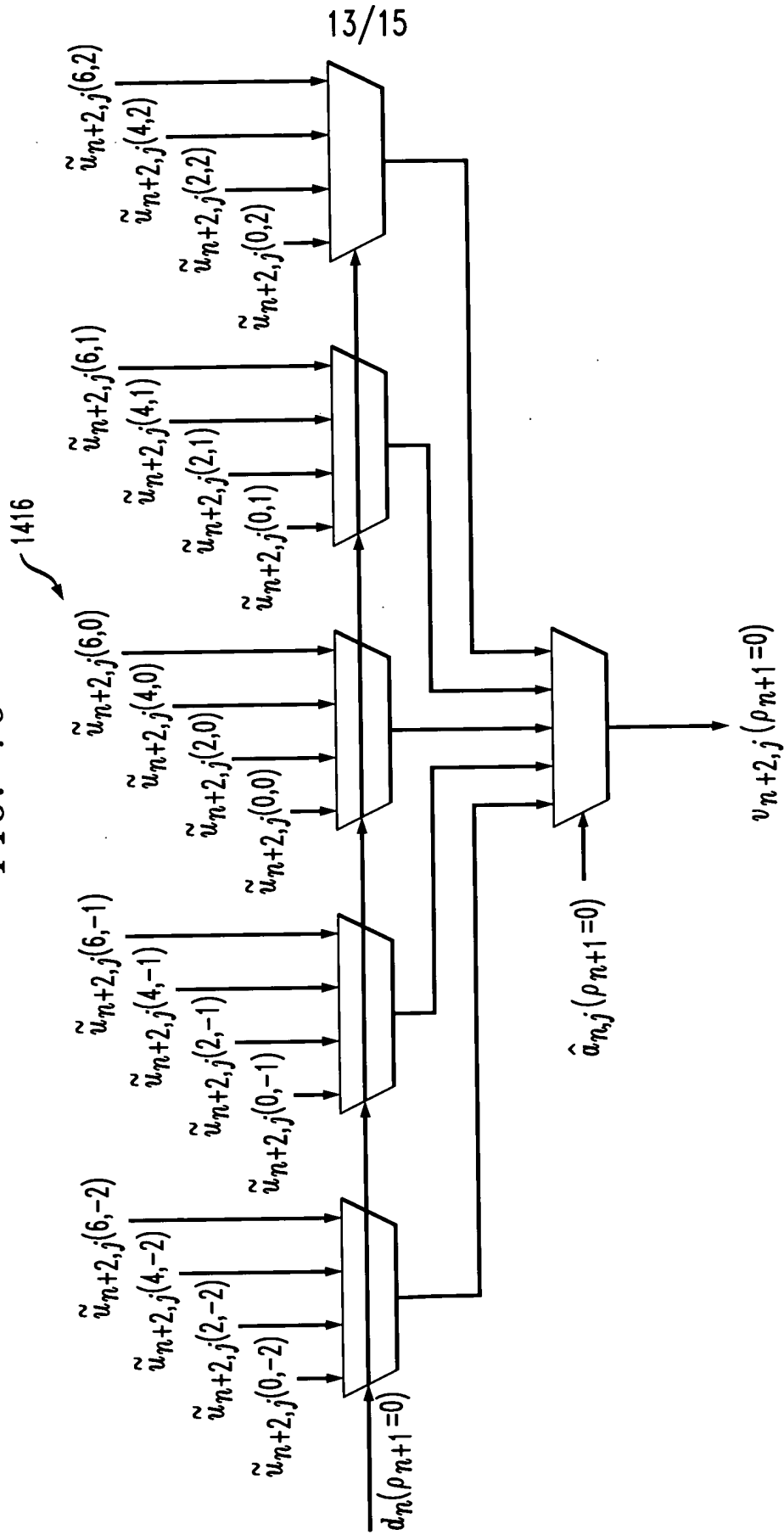
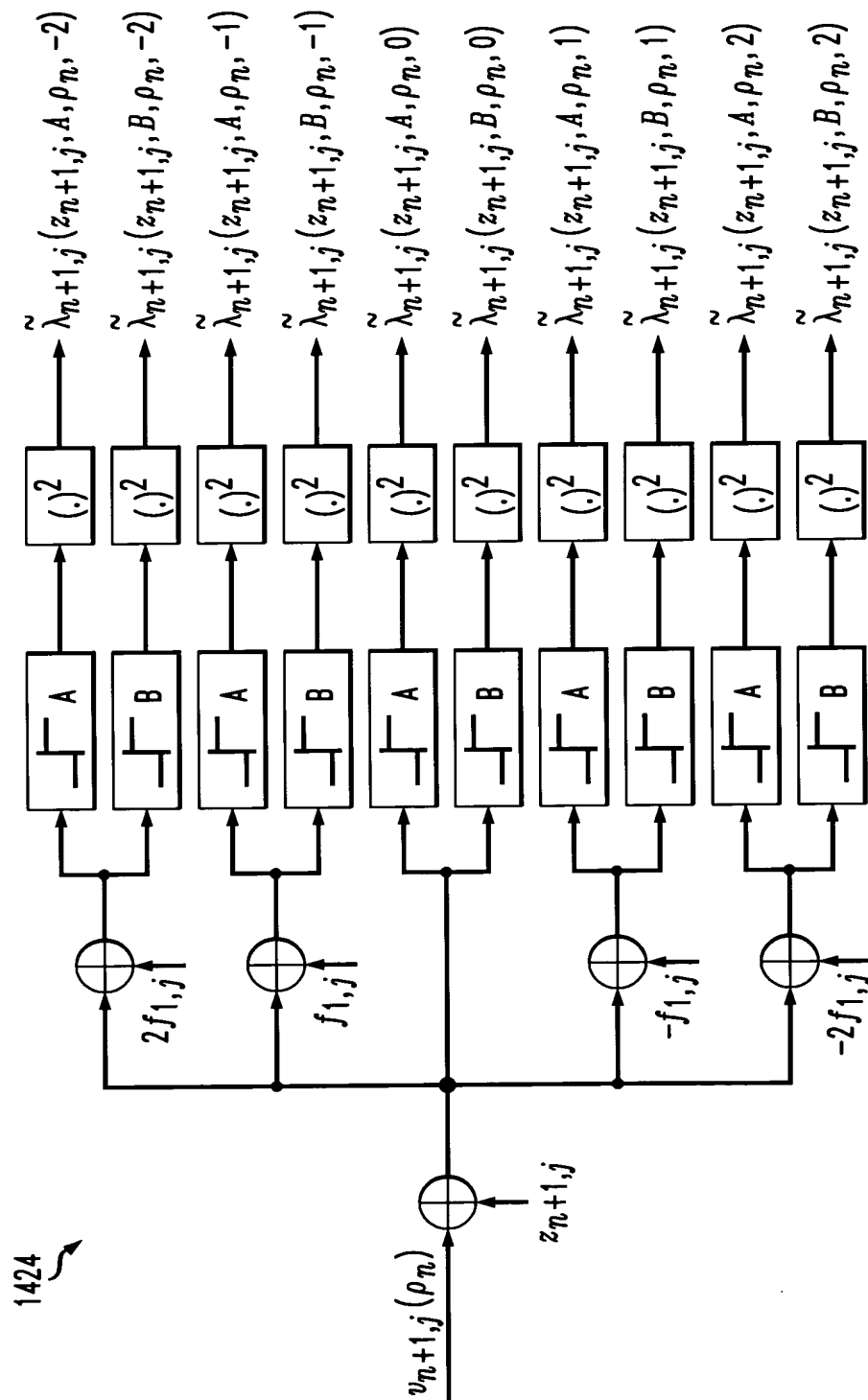


FIG. 16



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FIG. 17



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FIG. 17

FIG. 18

